

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060624\
 Data File : BF138138.D
 Acq On : 06 Jun 2024 17:43
 Operator : CG\JU
 Sample : P2715-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPC

Quant Time: Jun 07 03:14:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 06 05:19:29 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

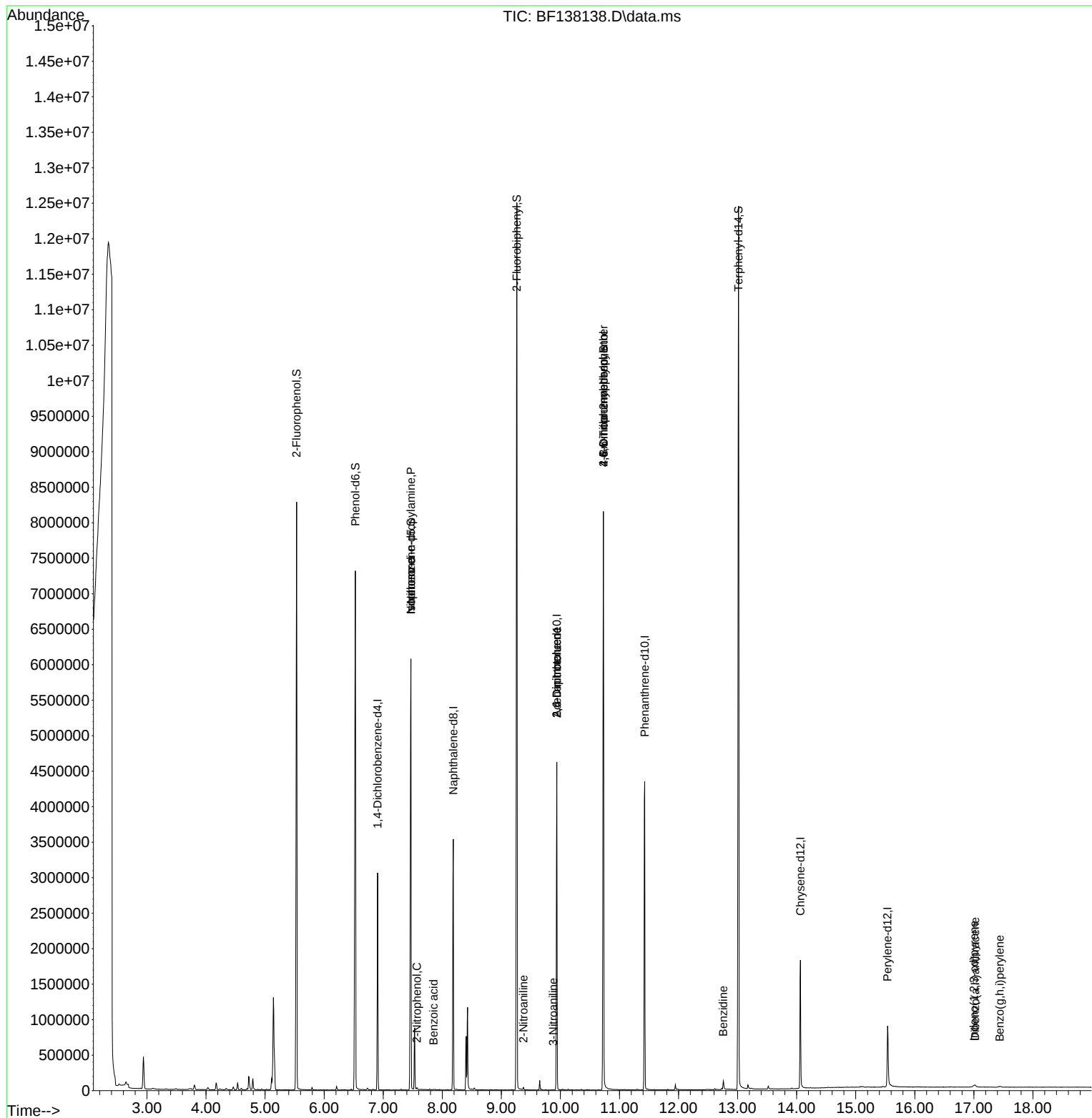
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	387891	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	1508595	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	877922	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	1600594	20.000	ng	0.00
76) Chrysene-d12	14.063	240	631071	20.000	ng	0.00
86) Perylene-d12	15.539	264	479408	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	2470522	108.545	ng	0.00
7) Phenol-d6	6.528	99	2939530	102.077	ng	0.00
23) Nitrobenzene-d5	7.469	82	1983477	89.455	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	1143793	135.378	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	4011264	79.892	ng	0.00
79) Terphenyl-d14	13.016	244	4798190	113.724	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.457	77	470	Below Cal		91
19) n-Nitroso-di-n-propyla...	7.469	70	271372	14.779 ng	#	76
25) Isophorone	7.469	82	1983450	40.604 ng	#	63
26) 2-Nitrophenol	7.569	139	55	5.056 ng	#	34
32) Benzoic acid	7.851	122	1248	8.040 ng		83
48) 2-Nitroaniline	9.375	65	410	4.827 ng	#	1
51) 2,6-Dinitrotoluene	9.939	165	115416	12.359 ng	#	25
53) 3-Nitroaniline	9.881	138	56	2.949 ng	#	3
57) 2,4-Dinitrotoluene	9.939	165	115416	11.244 ng	#	22
65) 4,6-Dinitro-2-methylph...	10.728	198	2346	8.793 ng	#	1
67) 4-Bromophenyl-phenylether	10.728	248	72117	3.957 ng	#	1
77) Benzidine	12.757	184	56538	8.706 ng		98
87) Indeno(1,2,3-cd)pyrene	17.004	276	23856	4.330 ng	#	92
91) Dibenzo(a,h)anthracene	17.021	278	22576	4.654 ng		94
92) Benzo(g,h,i)perylene	17.439	276	12605	3.529 ng		96

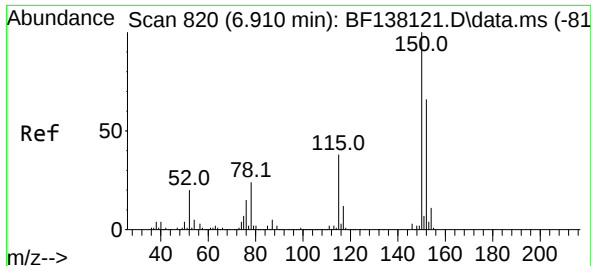
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060624\
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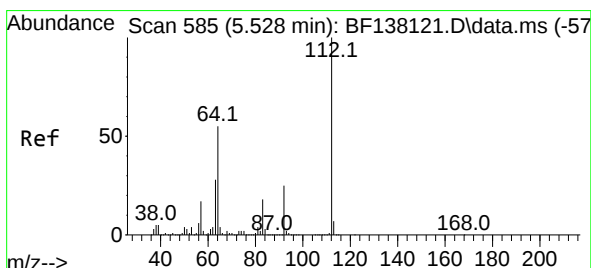
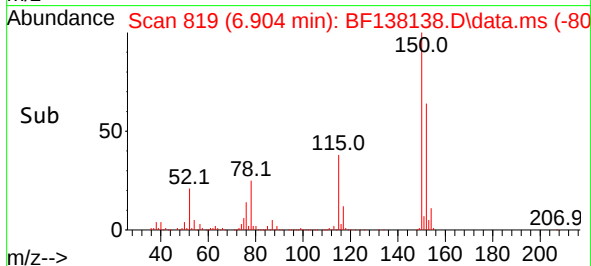
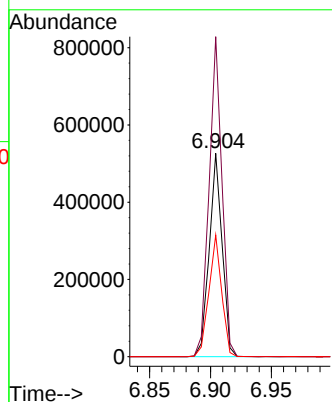
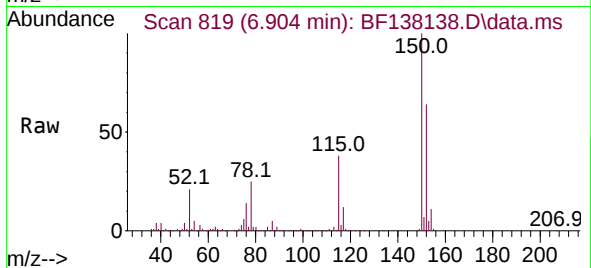




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 819
 Delta R.T. -0.006 min
 Lab File: BF138138.D
 Acq: 06 Jun 2024 17:43

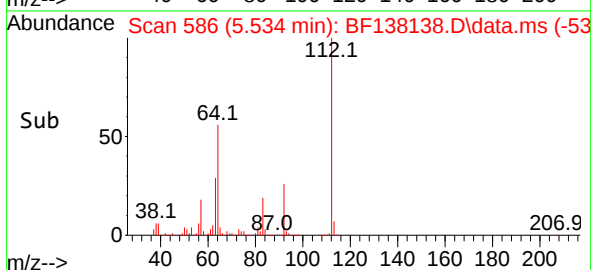
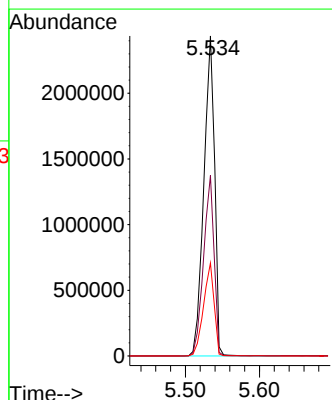
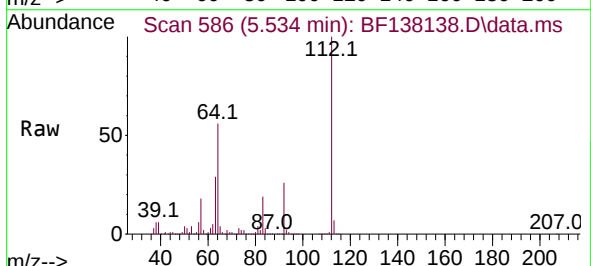
Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPC

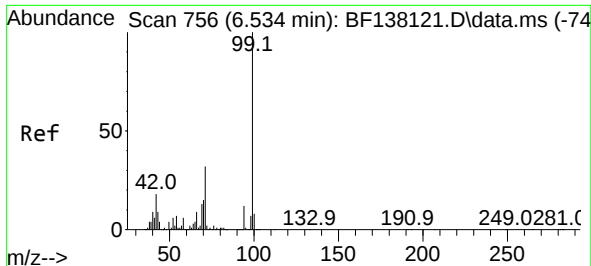
Tgt Ion:152 Resp: 387891
 Ion Ratio Lower Upper
 152 100
 150 157.3 121.8 182.6
 115 59.8 46.2 69.2



#5
 2-Fluorophenol
 Concen: 108.545 ng
 RT: 5.534 min Scan# 586
 Delta R.T. 0.006 min
 Lab File: BF138138.D
 Acq: 06 Jun 2024 17:43

Tgt Ion:112 Resp: 2470522
 Ion Ratio Lower Upper
 112 100
 64 56.4 44.0 66.0
 63 29.1 22.1 33.1

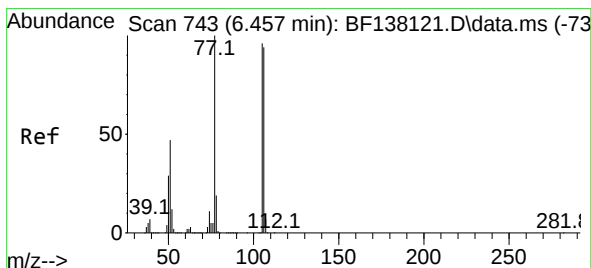
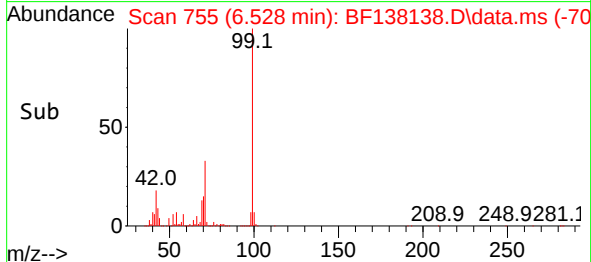
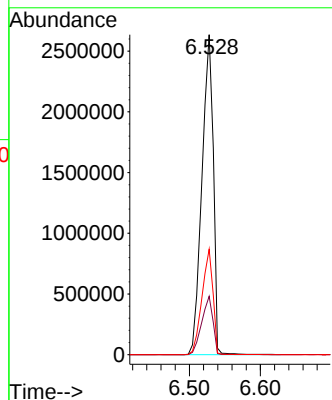
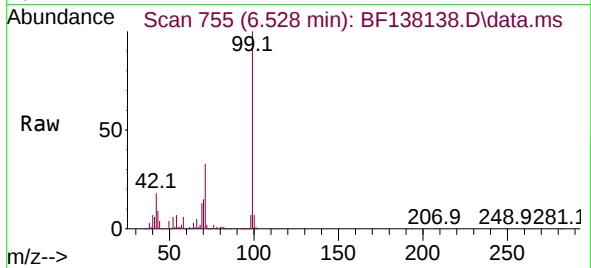




#7
Phenol-d6
Concen: 102.077 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF138138.D
Acq: 06 Jun 2024 17:43

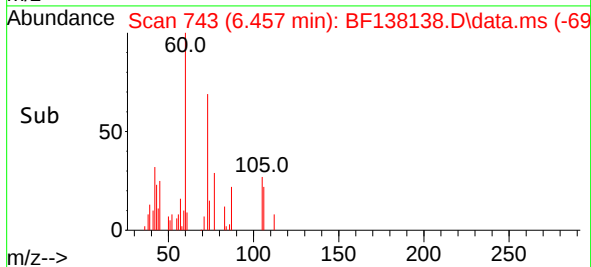
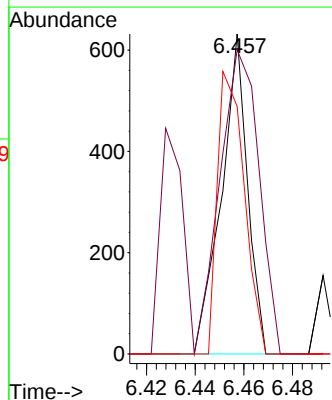
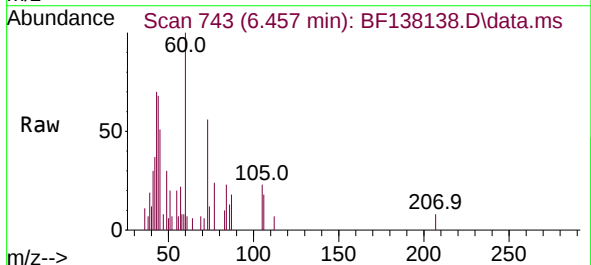
Instrument :
BNA_F
ClientSampleId :
WCS-TPC

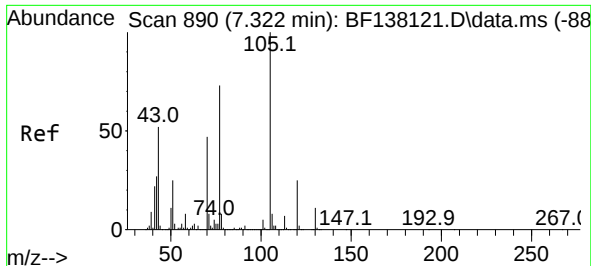
Tgt Ion: 99 Resp: 2939530
Ion Ratio Lower Upper
99 100
42 18.3 14.4 21.6
71 33.0 25.5 38.3



#9
Benzaldehyde
Concen: Below Cal
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF138138.D
Acq: 06 Jun 2024 17:43

Tgt Ion: 77 Resp: 470
Ion Ratio Lower Upper
77 100
105 95.1 75.8 115.8
106 77.4 73.9 113.9

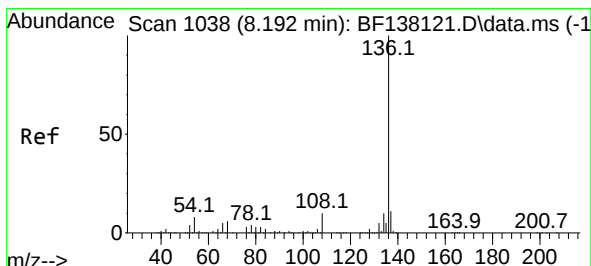
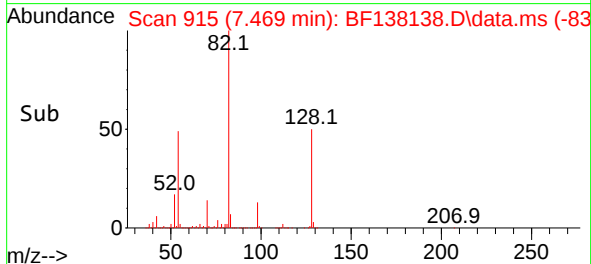
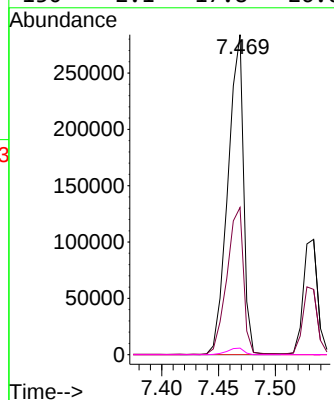
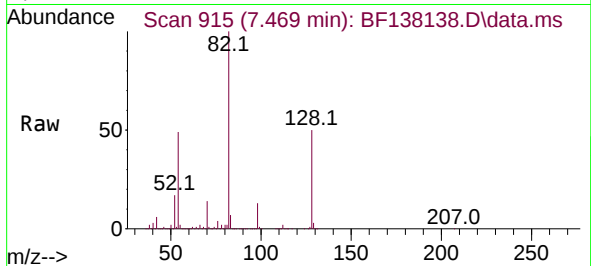




#19
n-Nitroso-di-n-propylamine
Concen: 14.779 ng
RT: 7.469 min Scan# 915
Delta R.T. 0.147 min
Lab File: BF138138.D
Acq: 06 Jun 2024 17:43

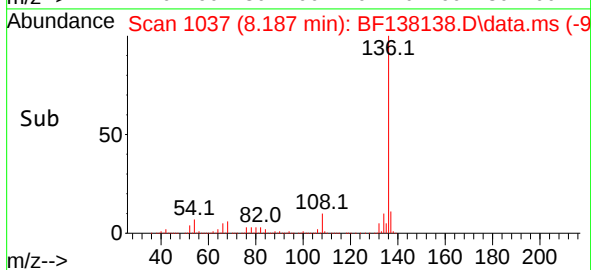
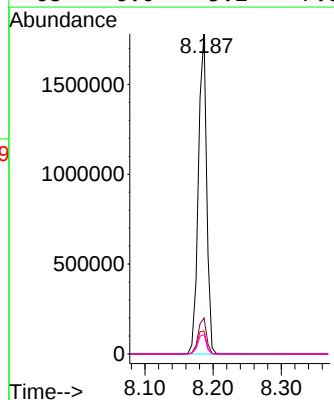
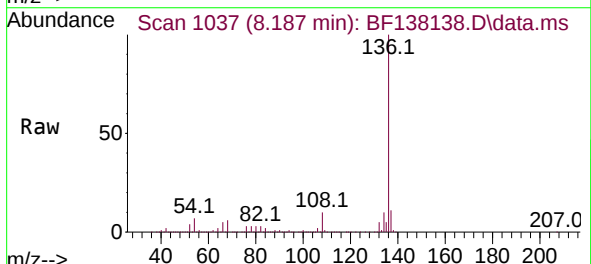
Instrument :
BNA_F
ClientSampleId :
WCS-TPC

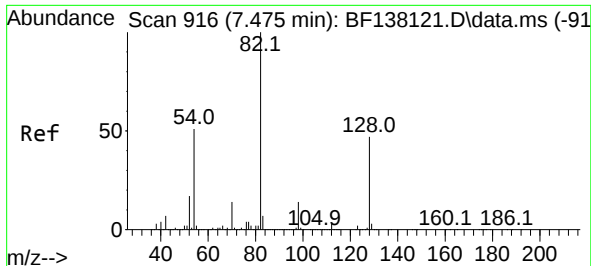
Tgt Ion: 70 Resp: 271372
Ion Ratio Lower Upper
70 100
42 46.0 46.3 69.5#
101 0.0 7.7 11.5#
130 2.1 17.8 26.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF138138.D
Acq: 06 Jun 2024 17:43

Tgt Ion: 136 Resp: 1508595
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 7.2 6.2 9.2
68 6.0 5.2 7.8

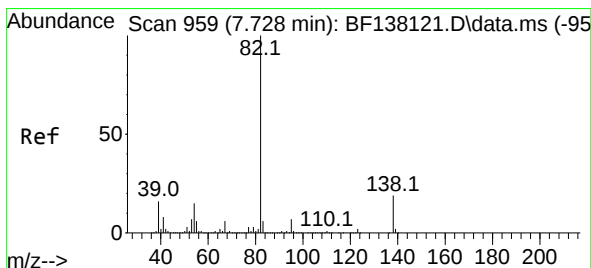
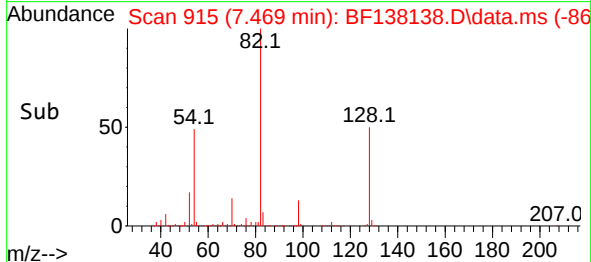
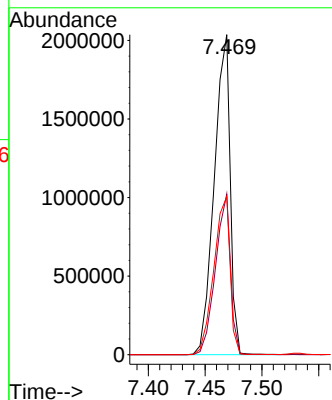
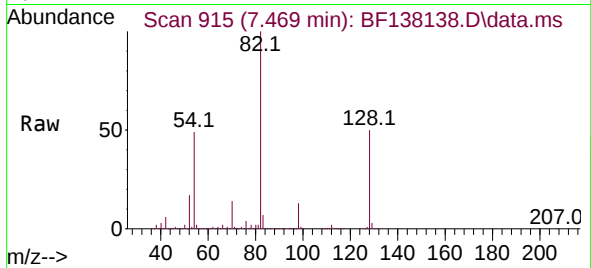




#23
Nitrobenzene-d5
Concen: 89.455 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.006 min
Lab File: BF138138.D
Acq: 06 Jun 2024 17:43

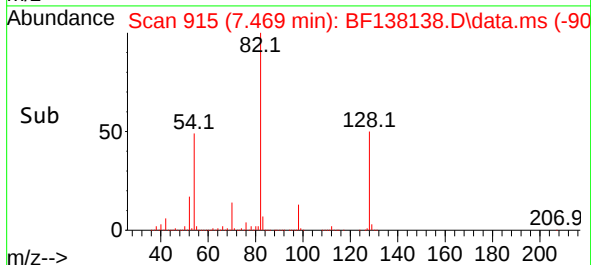
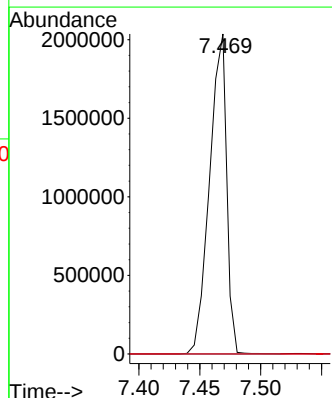
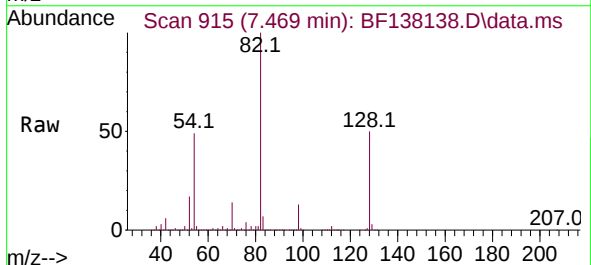
Instrument :
BNA_F
ClientSampleId :
WCS-TPC

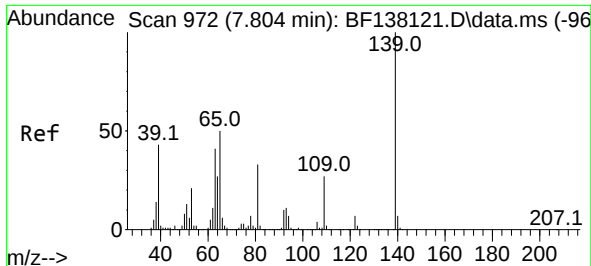
Tgt Ion: 82 Resp: 1983477
Ion Ratio Lower Upper
82 100
128 50.2 37.7 56.5
54 49.4 40.8 61.2



#25
Isophorone
Concen: 40.604 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.259 min
Lab File: BF138138.D
Acq: 06 Jun 2024 17:43

Tgt Ion: 82 Resp: 1983450
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.5 23.3#

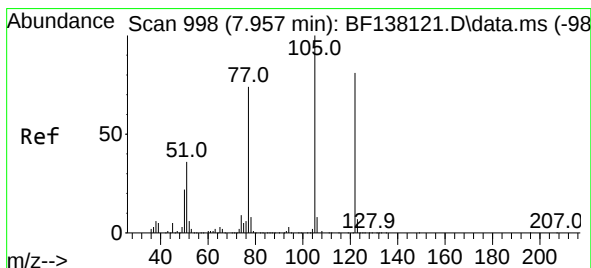
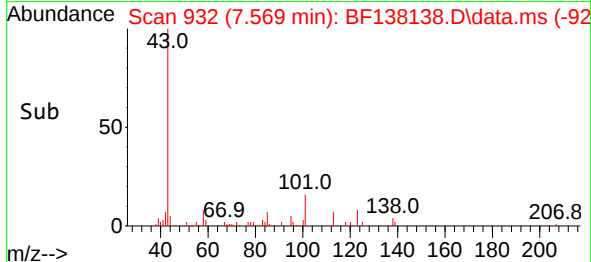
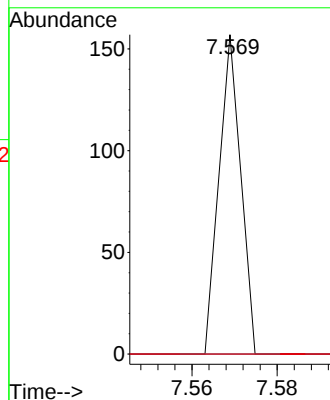
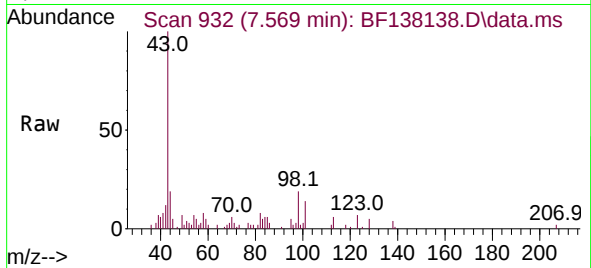




#26
2-Nitrophenol
Concen: 5.056 ng
RT: 7.569 min Scan# 91
Delta R.T. -0.235 min
Lab File: BF138138.D
Acq: 06 Jun 2024 17:43

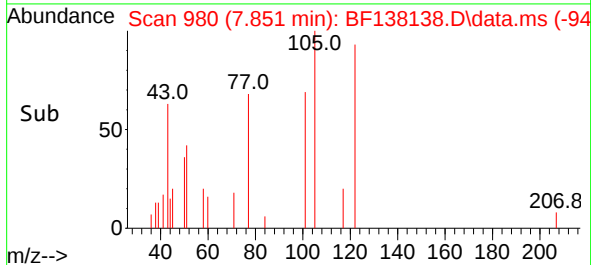
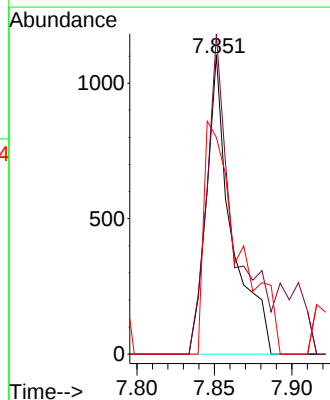
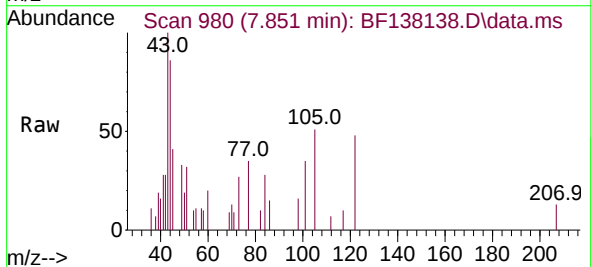
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BNA_F
ClientSampleId :
WCS-TPC

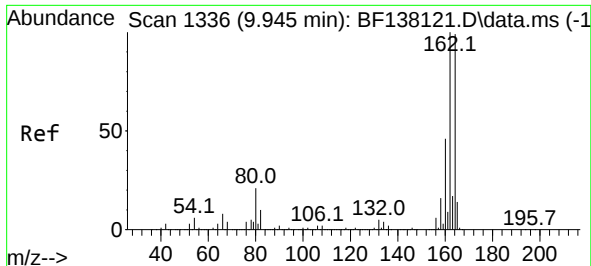
Tgt Ion:139 Resp: 55
Ion Ratio Lower Upper
139 100
109 0.0 21.8 32.6#
65 0.0 40.1 60.1#



#32
Benzoic acid
Concen: 8.040 ng
RT: 7.851 min Scan# 980
Delta R.T. -0.106 min
Lab File: BF138138.D
Acq: 06 Jun 2024 17:43

Tgt Ion:122 Resp: 1248
Ion Ratio Lower Upper
122 100
105 107.0 102.8 142.8
77 72.4 71.2 111.2

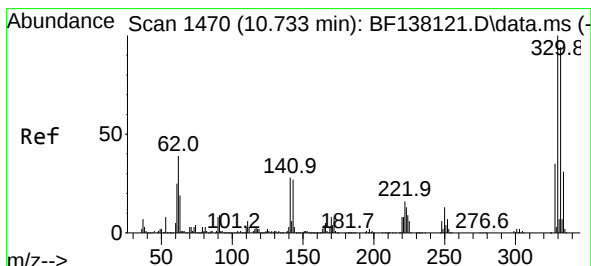
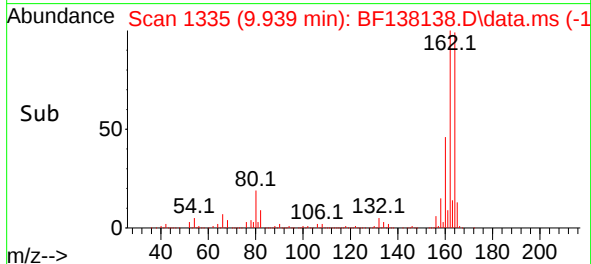
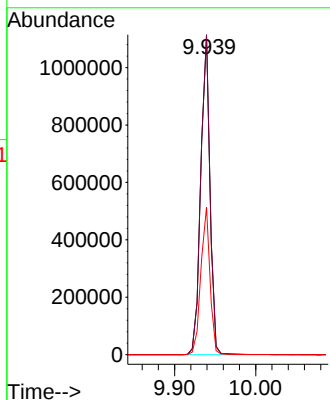
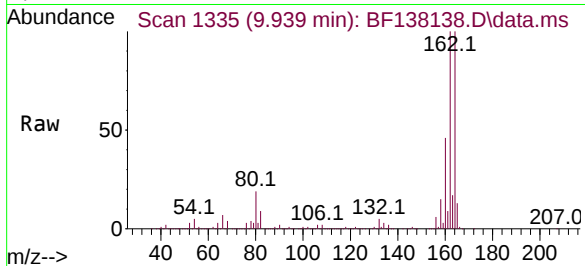




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138138.D
Acq: 06 Jun 2024 17:43

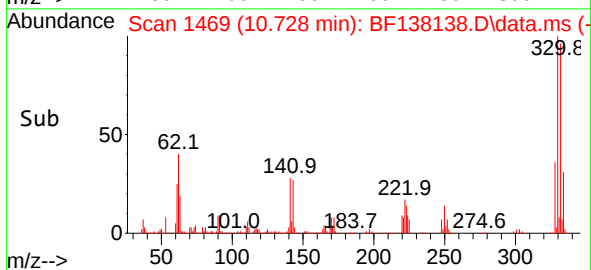
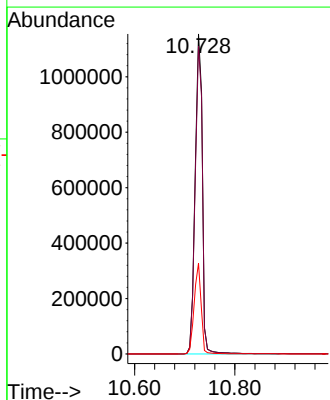
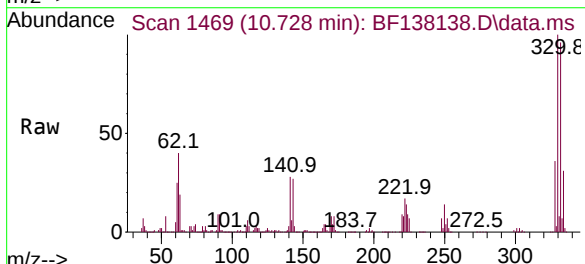
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ClientSampleId :
WCS-TPC

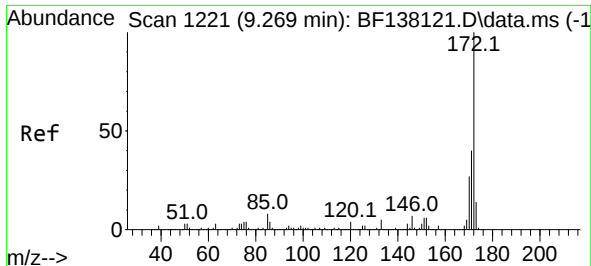
Tgt Ion:164 Resp: 877922
Ion Ratio Lower Upper
164 100
162 100.2 80.9 121.3
160 46.2 37.0 55.6



#42
2,4,6-Tribromophenol
Concen: 135.378 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.005 min
Lab File: BF138138.D
Acq: 06 Jun 2024 17:43

Tgt Ion:330 Resp: 1143793
Ion Ratio Lower Upper
330 100
332 96.4 75.8 113.8
141 27.7 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 79.892 ng

RT: 9.263 min Scan# 1221

Delta R.T. -0.006 min

Lab File: BF138138.D

Acq: 06 Jun 2024 17:43

Instrument :

BNA_F

ClientSampleId :

WCS-TPC

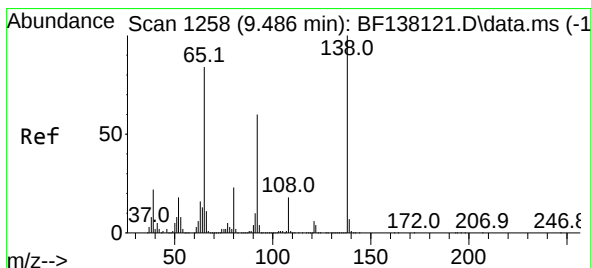
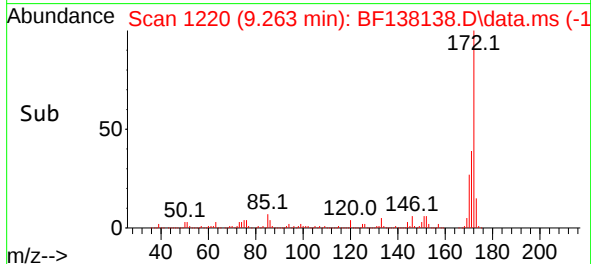
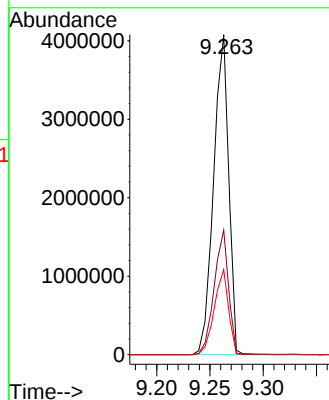
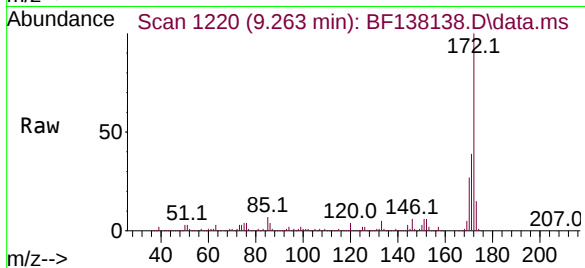
Tgt Ion:172 Resp: 4011264

Ion Ratio Lower Upper

172 100

171 38.9 31.6 47.4

170 26.6 21.4 32.2



#48

2-Nitroaniline

Concen: 4.827 ng

RT: 9.375 min Scan# 1239

Delta R.T. -0.111 min

Lab File: BF138138.D

Acq: 06 Jun 2024 17:43

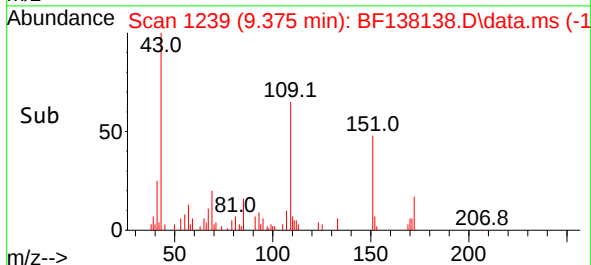
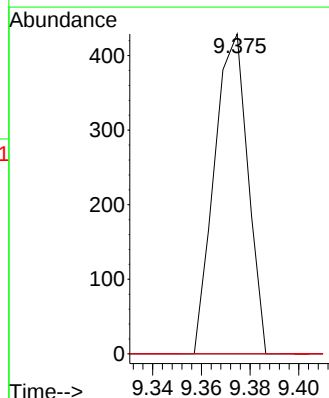
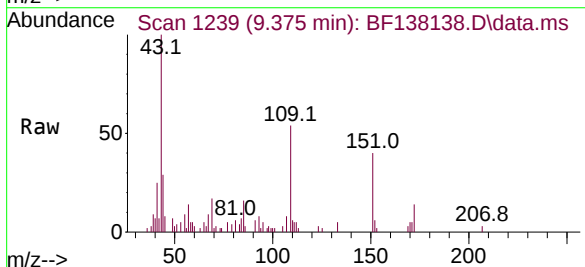
Tgt Ion: 65 Resp: 410

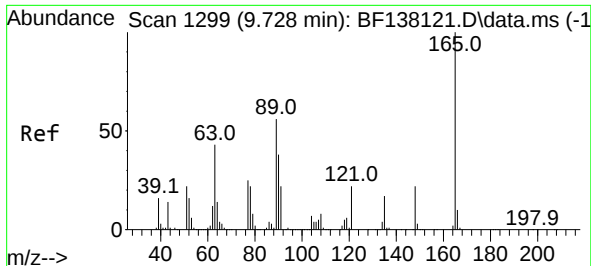
Ion Ratio Lower Upper

65 100

92 0.0 57.3 85.9#

138 0.0 95.4 143.2#

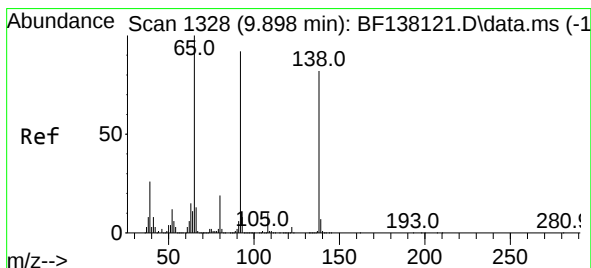
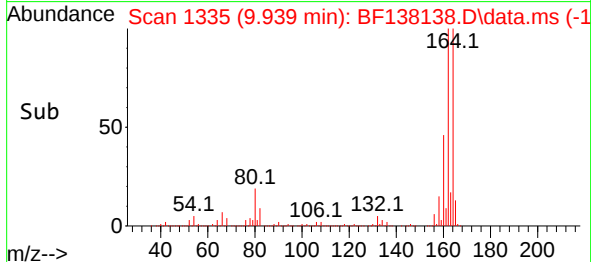
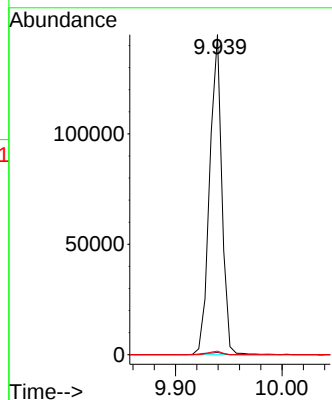
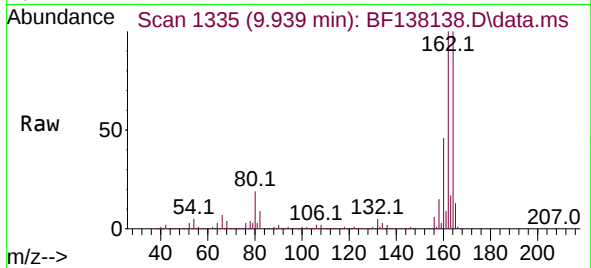




#51
2,6-Dinitrotoluene
Concen: 12.359 ng
RT: 9.939 min Scan# 11
Delta R.T. 0.211 min
Lab File: BF138138.D
Acq: 06 Jun 2024 17:43

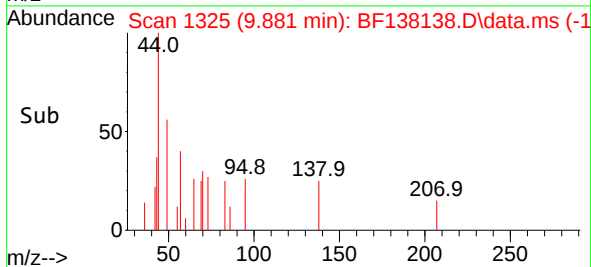
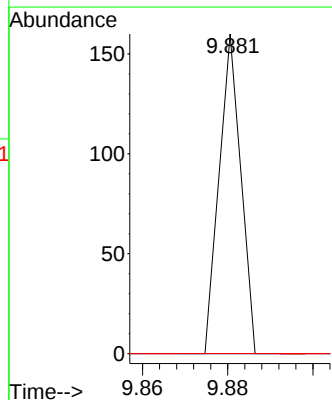
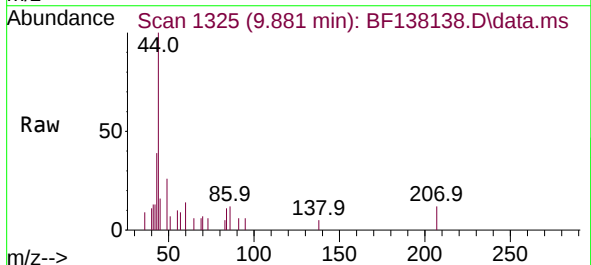
Instrument :
BNA_F
ClientSampleId :
WCS-TPC

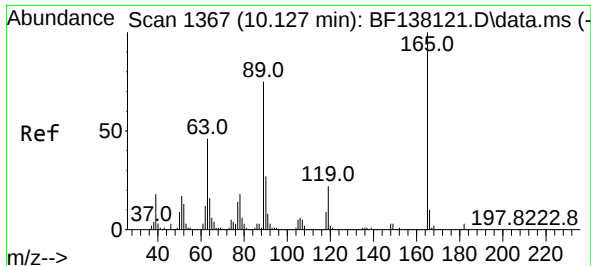
Tgt Ion:165 Resp: 115416
Ion Ratio Lower Upper
165 100
63 0.7 42.9 64.3#
89 1.1 45.0 67.4#



#53
3-Nitroaniline
Concen: 2.949 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.017 min
Lab File: BF138138.D
Acq: 06 Jun 2024 17:43

Tgt Ion:138 Resp: 56
Ion Ratio Lower Upper
138 100
108 0.0 10.3 15.5#
92 0.0 89.5 134.3#

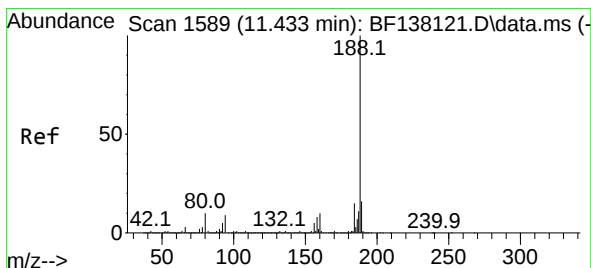
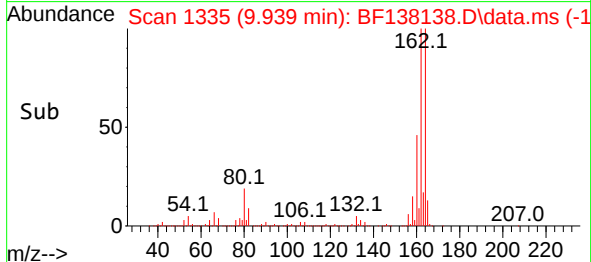
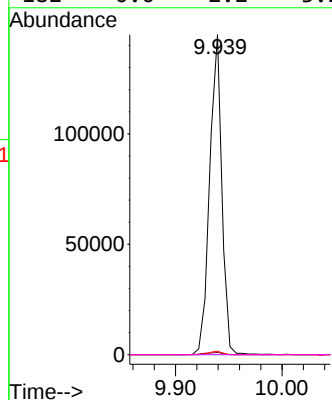
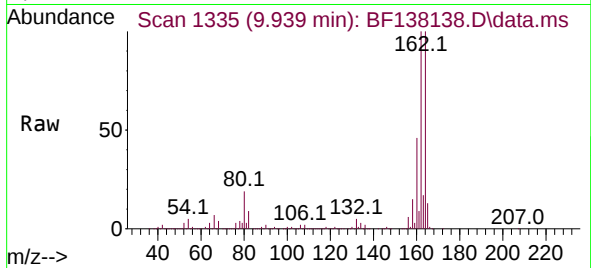




#57
2,4-Dinitrotoluene
Concen: 11.244 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF138138.D
Acq: 06 Jun 2024 17:43

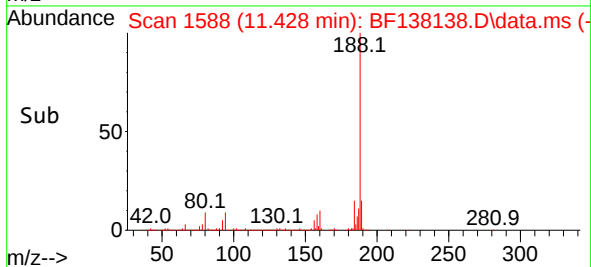
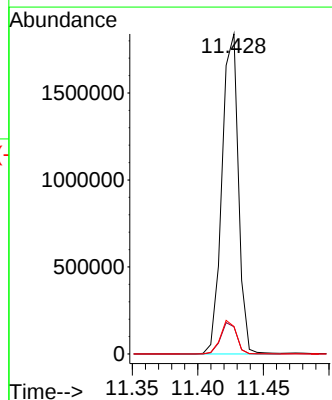
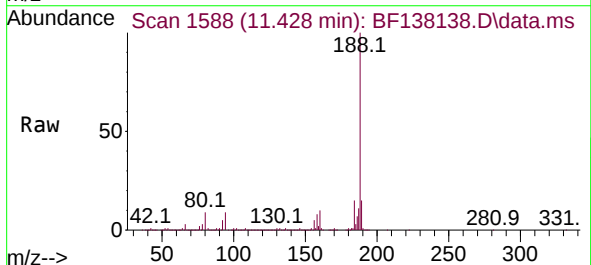
Instrument :
BNA_F
ClientSampleId :
WCS-TPC

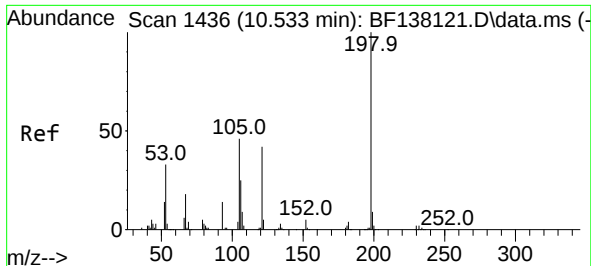
Tgt Ion:165 Resp: 115416
Ion Ratio Lower Upper
165 100
63 0.7 36.8 55.2#
89 1.1 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF138138.D
Acq: 06 Jun 2024 17:43

Tgt Ion:188 Resp: 1600594
Ion Ratio Lower Upper
188 100
94 8.5 7.4 11.2
80 8.6 7.7 11.5

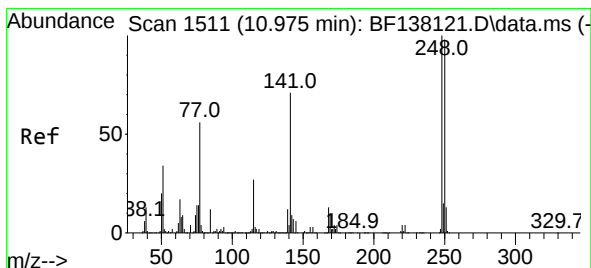
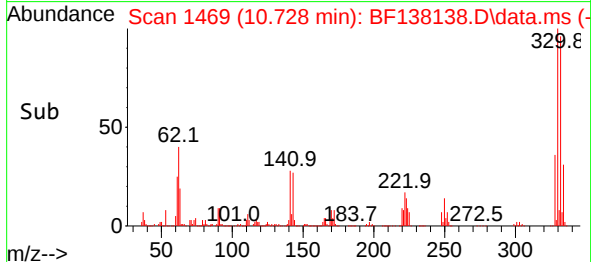
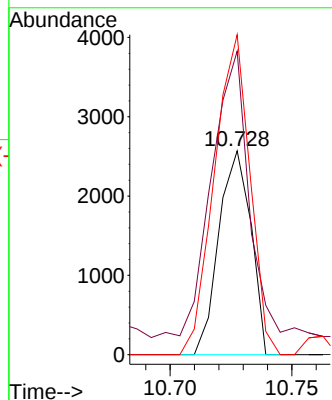
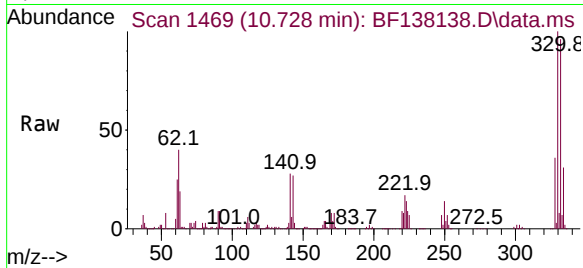




#65
4,6-Dinitro-2-methylphenol
Concen: 8.793 ng
RT: 10.728 min Scan# 1469
Delta R.T. 0.195 min
Lab File: BF138138.D
Acq: 06 Jun 2024 17:43

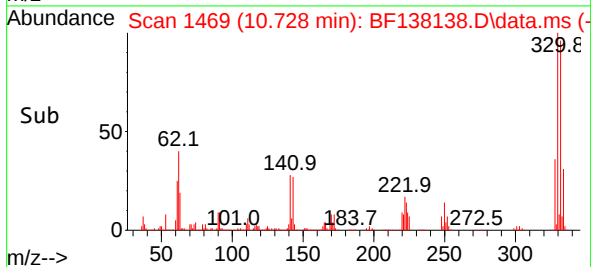
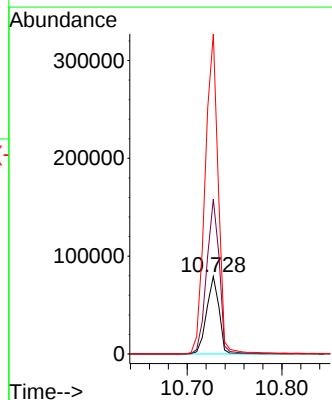
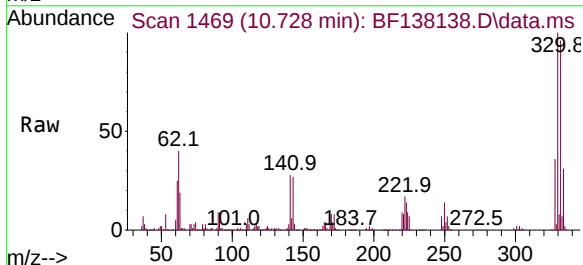
Instrument :
BNA_F
ClientSampleId :
WCS-TPC

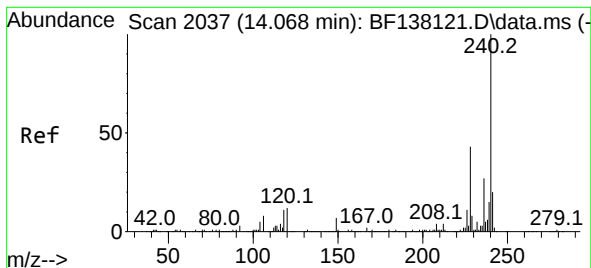
Tgt Ion:198 Resp: 2346
Ion Ratio Lower Upper
198 100
51 148.9 28.2 68.2#
105 156.9 26.8 66.8#



#67
4-Bromophenyl-phenylether
Concen: 3.957 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF138138.D
Acq: 06 Jun 2024 17:43

Tgt Ion:248 Resp: 72117
Ion Ratio Lower Upper
248 100
250 199.8 78.7 118.1#
141 412.6 56.5 84.7#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2036

Delta R.T. -0.005 min

Lab File: BF138138.D

Acq: 06 Jun 2024 17:43

Instrument :

BNA_F

ClientSampleId :

WCS-TPC

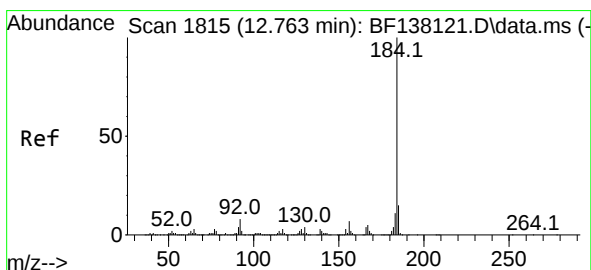
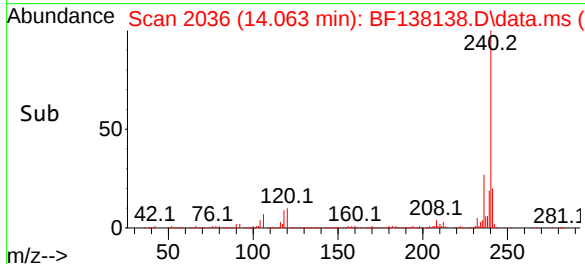
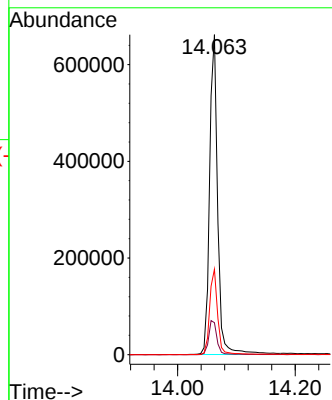
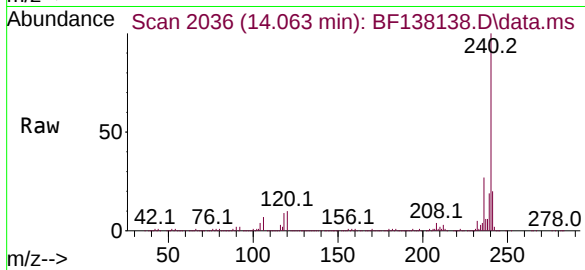
Tgt Ion:240 Resp: 631071

Ion Ratio Lower Upper

240 100

120 10.0 9.8 14.8

236 26.7 21.2 31.8



#77

Benzidine

Concen: 8.706 ng

RT: 12.757 min Scan# 1814

Delta R.T. -0.006 min

Lab File: BF138138.D

Acq: 06 Jun 2024 17:43

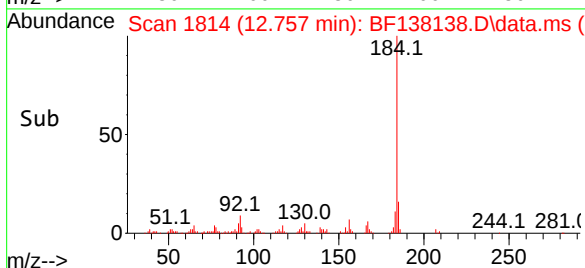
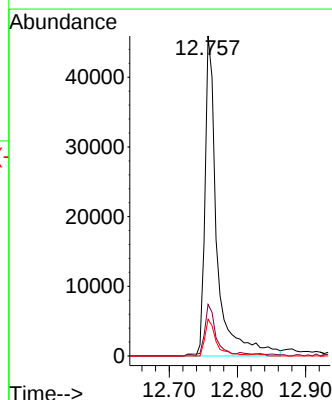
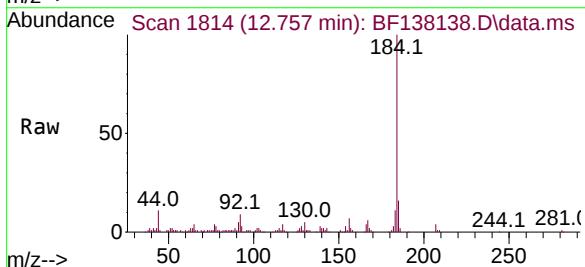
Tgt Ion:184 Resp: 56538

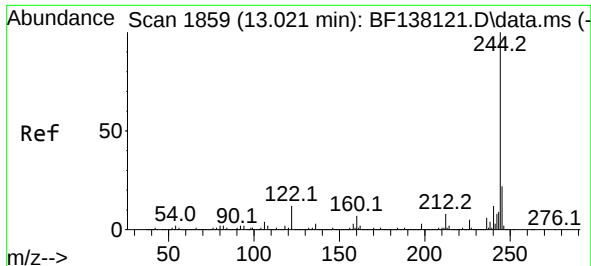
Ion Ratio Lower Upper

184 100

185 16.1 12.2 18.2

183 11.4 9.0 13.4

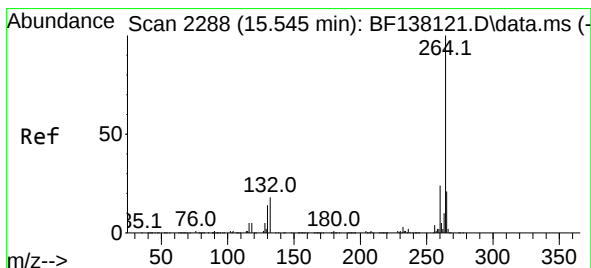
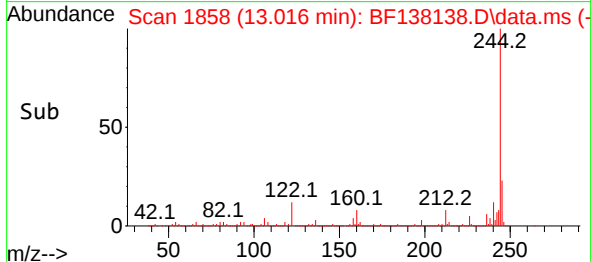
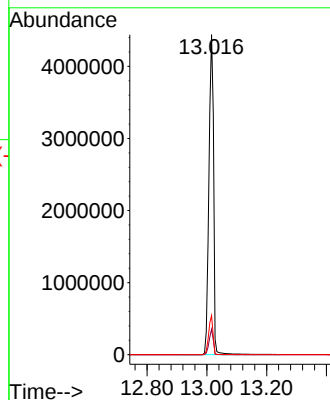
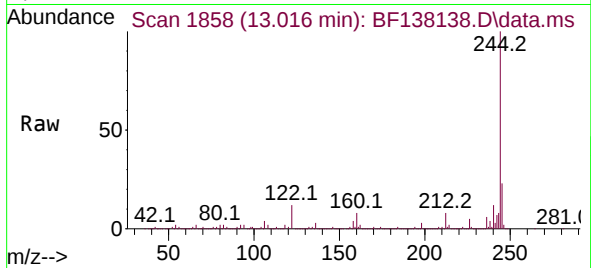




#79
 Terphenyl-d14
 Concen: 113.724 ng
 RT: 13.016 min Scan# 1858
 Delta R.T. -0.006 min
 Lab File: BF138138.D
 Acq: 06 Jun 2024 17:43

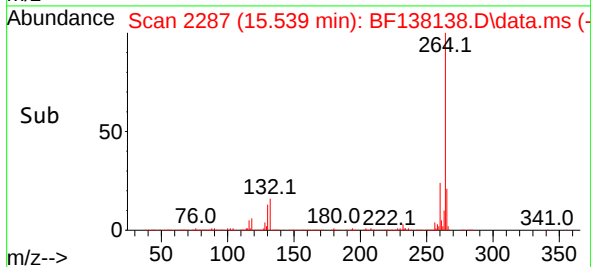
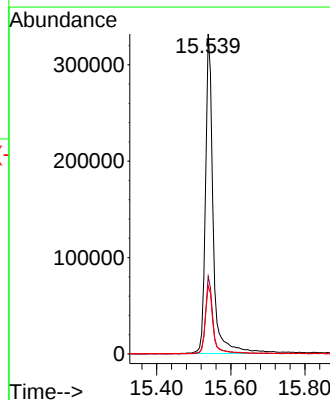
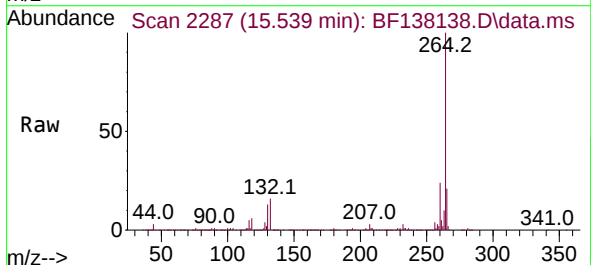
Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPC

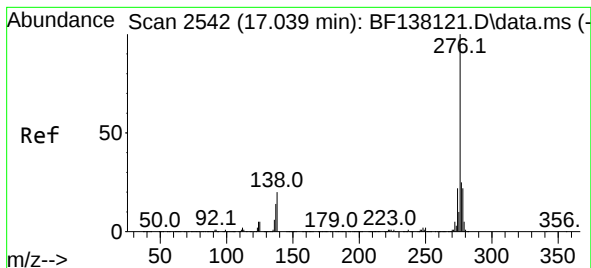
Tgt Ion:244 Resp: 4798190
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.4 9.6
 122 12.2 9.4 14.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2287
 Delta R.T. -0.006 min
 Lab File: BF138138.D
 Acq: 06 Jun 2024 17:43

Tgt Ion:264 Resp: 479408
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.2
 265 21.3 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.330 ng

RT: 17.004 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF138138.D

Acq: 06 Jun 2024 17:43

Instrument :

BNA_F

ClientSampleId :

WCS-TPC

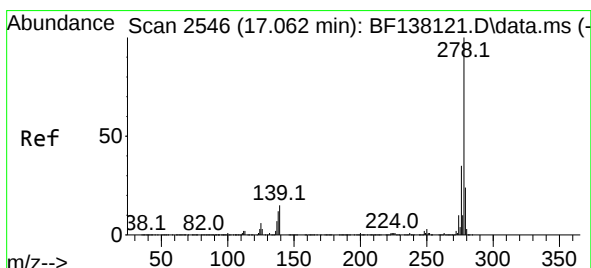
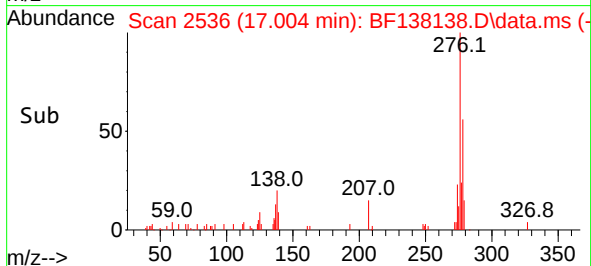
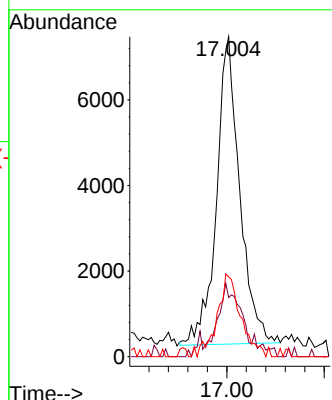
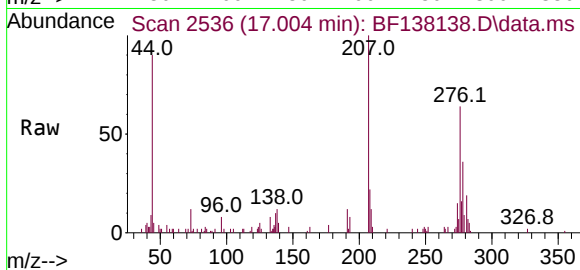
Tgt Ion:276 Resp: 23856

Ion Ratio Lower Upper

276 100

138 17.2 18.9 28.3#

277 27.1 20.3 30.5



#91

Dibenzo(a,h)anthracene

Concen: 4.654 ng

RT: 17.021 min Scan# 2539

Delta R.T. -0.041 min

Lab File: BF138138.D

Acq: 06 Jun 2024 17:43

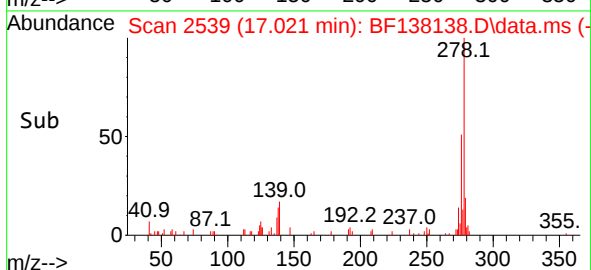
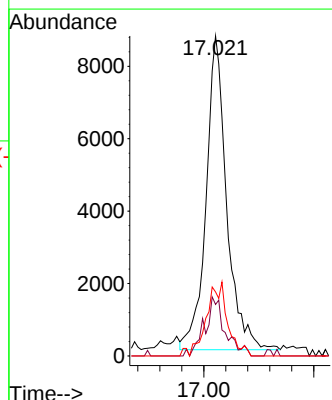
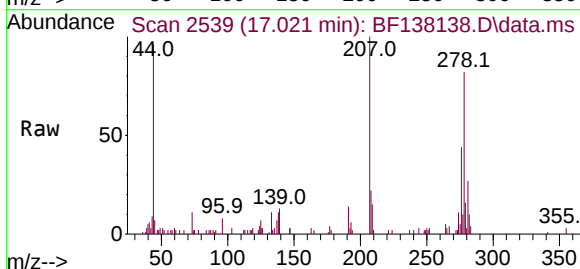
Tgt Ion:278 Resp: 22576

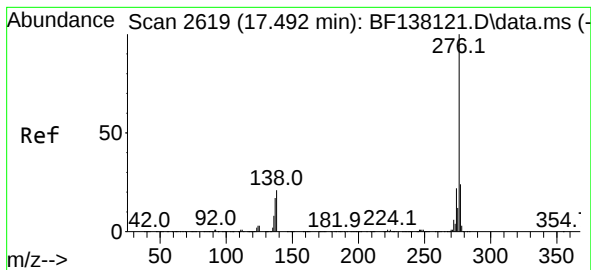
Ion Ratio Lower Upper

278 100

139 16.1 11.7 17.5

279 20.0 19.2 28.8





#92

Benzo(g,h,i)perylene

Concen: 3.529 ng

RT: 17.439 min Scan# 20

Delta R.T. -0.053 min

Lab File: BF138138.D

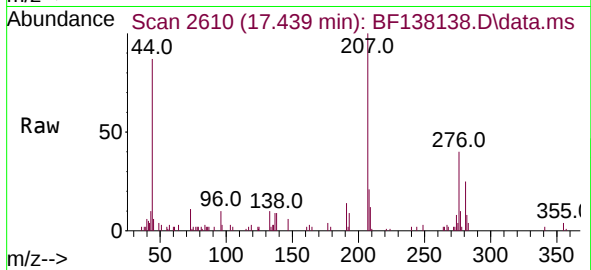
Acq: 06 Jun 2024 17:43

Instrument :

BNA_F

ClientSampleId :

WCS-TPC



Tgt Ion:276 Resp: 12605

Ion Ratio Lower Upper

276 100

277 25.0 19.0 28.4

138 22.8 16.5 24.7

